NAO-2007-04262-GDC

Selected Water

Folder NAO-2007-04262-GDC
Form JD2
Name Tributary 2
Local Waterway New Market Creek

Determination

Type Relatively Permanent Waters (RPWs) that flow directly or indirectly into TNWs
Linear 198.12
Flow Ephemeral flow.
Flow Rationale See form for JD1

Physical Characteristics

Relationship with TNW
Tributary stream order: 1

General Tributary Characteristics
Tributary

- ☐ Natural
- ☐ Artificial (man-made).
- ☑ Manipulated (man-altered).

Explain: See form for JD1

Tributary properties with respect to top of bank (estimate):

Average Width	15
Average Depth	3
Average Side Slopes	Vertical (1:1 or less)

Primary tributary substrate composition

- ☑ Silts
- ☑ Sands
- ☐ Concrete
- ☐ Cobbles
- ☑ Gravel
- ☑ Muck
- ☐ Bedrock
- ☐ Vegetation
- ☐ Other

Tributary has (check all that apply):

Describe the tributary condition/stability (e.g., highly eroding, sloughing banks)
See form for JD1

Describe the presence of run/riffle/pool complexes

Tributary geometry	Relatively Straight
Tributary gradient	1 % (approximate average slope)

Flow

Flow Type: Intermittent flow.
# of flow events 20 (or greater) (Estimate average number of flow events in review area/year)
Describe flow regime See form for JD1

Other information on duration and volume
See form for JD1

Surface flow Characteristics: Confined
Subsurface Flow Yes
Explain Findings

- [ ] Dye (or other) test performed
- [x] Bed and banks
- [x] OHWM (Check all indicators that apply):
  - [ ] clear, natural line impressed on the bank
  - [ ] changes in the character of soil
  - [ ] shelving
  - [ ] vegetation matted down, bent, or absent
  - [ ] leaf litter disturbed or washed away
  - [ ] sediment deposition
  - [ ] water staining
  - [ ] other (list):
  - [ ] the presence of litter and debris
  - [ ] destruction of terrestrial vegetation
  - [ ] the presence of wrack line
  - [ ] sediment sorting
  - [ ] scour
  - [ ] multiple observed or predicted flow events
  - [ ] abrupt change in plant community
- [ ] Discontinuous OHWM

If factors other than the OHWM were used to determine lateral extent of CWA jurisdiction (check all that apply):

- [ ] High Tide Line indicated by
  - [ ] oil or scum line along shore objects
  - [ ] fine shell or debris deposits (foreshore)
  - [ ] physical markings/characteristics
  - [ ] tidal gauges
  - [ ] other (list):
- [ ] Mean High Water Mark indicated by
  - [ ] survey to available datum;
  - [ ] physcial markings;
  - [ ] vegetation lines/changes in vegetation types.

Chemical Characteristics

Characterize tributary (e.g., water color is clear, discolored, oily film; water quality; general watershed characteristics, etc.).
See form for JD1
Identify specific pollutants, if known

Biological Characteristics

Channel/Wetland supports (check all that apply):

- [ ] Riparian corridor
- [ ] Wetland fringe
- [x] Habitat for
  - [ ] Federally Listed species

- [ ] Fish/spawn areas
- [ ] Other environmentally-sensitive species
- [x] Aquatic/wildlife diversity

Explain findings: See form for JD1